Dennis Enviro 500 MKI

USER MANUAL
使用手冊

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Introduction:

The Enviro500 is the first model of second-generation low-floor buses for Kowloon Motor Bus, with straight staircase and plug door (only at the exit) fitted. All KMB’ s Enviro500 buses had a bronze band added to the champagne livery to differentiate them from the first-generation low-floor buses.*

From April 2010, Winsome started constructing the Enviro 500 for OMSI. In half a year time, the bus is finished. It is the first left-handed drive bus in the OMSI community. Hope players enjoy the driving experience in this E500. Please feel free to report any bugs.

簡介：

Enviro 500是九龍巴士旗下第2代超低地台巴士的首款車型，亦是第一個採用直樓梯的車型，有別於過往香港巴士普遍採用的彎曲樓梯，並採用玫瑰花紋椅套的座椅，因此九巴稱之為「超直巴士」。在整體外觀上，九巴購買的車身除了以既定的低地台巴士香檳金色塗裝外，同時以棕色作為車身裙腳，以區別首代超低地台巴士。*

Winsome 由2011年4月開始製作OMSI版本的Dennis Enviro 500。半年後巴士終於完成，這是OMSI介第一架右軚巴士，希望大家有一個愉快的駕駛旅程。如發現任何錯誤，請盡快通知Winsome。

* From wikipedia

Specifications:
Length: 12 m Width: 255 mm Height: 4.38 m
Engine: Cummins ISMe Power output: 335 hp
Transmission: Voith DIWA864.3E / Voith DIWA864.5D4 / ZF 5HP602C

*Photo taken by KZ9022

Features:

Here are some features of the Dennis Enviro 500

- 4 liveries available
- Fully functional panel
  - 2 sets of speedometers available
  - Fully functional electricity, warning lights, front lights, interior lights and cockpit light switches
  - Fully functional wiper, horn and blinker stick
  - Fully functional door switches
  - 3 types of gearbox available
  - Fully functional wheelchair slope
- Exterior and Interior lighting
- CCTV for upperdeck installed
- Complete backdoor animation
- Passenger paths set
- New format of HANOVER route display

本車特色:

以下是本車的特色：

- 有4款廣告車身
- 功能全面的儀錶板
  - 有兩款速度計
  - 有電池總掣、死火燈掣、車頭燈掣、客燈掣和司機位燈掣
  - 有水撥、指揮燈和警告號角按鈕
  - 有5個門掣
  - 有3種波箱
  - 有輪椅斜板
- 室內和室外燈光
- 上層閉路電視
- 下車外推門
- 乘客座位和走動路線
- 新HANOVER路線牌設定

Installation Guide:

Please make sure the Zip file you downloaded contain these folders:
\fonts\
\vehicles\Anzeigen\
\vehicles\Dennis_Enviro500\

Put all the files into OMSI directory.
The font folder contains the HK License fonts which can be downloaded from www.winsomes3dstudio.com.
The Anzeigen folder contains the Hanover display texture.
The Dennis_Enviro500 folder contains the bus.

安裝指南：

請確保你下載的zip檔案有以下文件夾：
\fonts\
\vehicles\Anzeigen\
\vehicles\Dennis_Enviro500\

請把所有的檔案放進OMSI主目錄。
字體檔內有 HK License fonts，可從www.winsomes3dstudio.com下載。
Anzeigen文件夾內擺放Hanover電牌texture。
Dennis_Enviro500 文件夾內就是E500巴士。

1 Kneeling
2 Elec. switch
3 Eng. Shutdown
4 Eng. Start
5 Warning light
6 Front light
7 Left interior light
8 Right interior light
9 Cockpit light
10 Gearbox
11 Door light
12 Stop bell light
13 Parking brake
14 Brake light
15 Blinker
16 Wiper switch
17 Horn
18 Handbrake
19 Open front left door
20 Open front both doors
21 Close front doors
22 Open back doors
23 Close back doors

1 降低車身
2 電池總掣
3 關掉引擎
4 啓動引擎
5 死火燈
6 車頭燈
7 左邊客燈
8 右邊客燈
9 司機位燈
10 波箱
11 門燈
12 車將停站燈
13 Parking Brake
14 制動燈
15 指揮燈
16 水撥
17 Horn
18 Parking Brake
19 開上車前門
20 開所有上車門
21 關所有上車門
22 開落車門
23 關落車門

Driving Guide:

You are recommended to make the following settings before you drive this bus.

Go to Option > Keyboard > Add Vehicles Key Events >
Press OK and set the following buttons:

<KY_bus_door_all_close>	ctrl + num *	(a button closing all front doors)
<KY_bus_dooraftclose>	ctrl + num -	(a button closing the back doors)
<KY_kw_a_R>	R	(setting Gear R)
<KY_kw_a_N>	N	(setting Gear N)
<KY_kw_a_1>	1	(setting Gear 1)
<KY_kw_a_2>	2	(setting Gear 2)
<KY_kw_a_3>	3	(setting Gear 3)
<KY_kw_a_D>	D	(setting Gear D)

Starting the Engine:
Make sure the gear is N. Turn on the elec. switch (2). Press the engine start button (4).

Starting the bus:
Start the engine. Choose 1/2/3/D in the gearbox switches (10). Release the parking brake (18). Give throttle

Opening doors:
Open the front left door using 19. Open both doors using 20. Close all front doors using 21.
Open the back doors using 22. Close the back doors using 23.

Turning on the wipers:
Rolling 16 upward for slow speed. downward for fast speed.

Shutting down the Engine:
Press the engine shutdown button (3).

駕駛指南：

在開車之前，建議你先設定以下設定：

按 Option > Keyboard > Add Vehicles Key Events >
按 OK 並修改以下設定：

<KY_bus_door_all_close>	ctrl + num *	(關所有上車門)
<KY_bus_dooraftclose>	ctrl + num -	(關落車門)
<KY_kw_a_R>	R	(Gear R)
<KY_kw_a_N>	N	(Gear N)
<KY_kw_a_1>	1	(Gear 1)
<KY_kw_a_2>	2	(Gear 2)
<KY_kw_a_3>	3	(Gear 3)
<KY_kw_a_D>	D	(Gear D)

啓動引擎：
請確保車輛是N波，按電池總掣(2)，再按啓動引擎掣 (4)。

開車：
啓動引擎，再選1/2/3/D 波(10)，鬆開 parking brake (18)，踩油。

開門：
按19開前左門，按20開左右前門，按21關所有前門。
按22開落車門，按23關所有門。

打開水撥：
向上扭動16是慢速水撥，向下是快速。

關掉引擎：
按關掉引擎按鈕(3)。

Route Display and Depot Installation:

The HANOVER display is just a texture instead of a electrical animated display. If you want to set a route, please go to the route button in the OMSI toolbar.

The HANOVER display texture is located at \OMSI\vehicles\Anzeigen\Hanover\. Take the shatin.hof as an example. If you want to link the route with a display, look for [addterminus] in the hof file:

[addterminus]
101
283_ShatinCentral
283_ShatinCentral
283_ShatinCentral

283_ShatinCentral
283_stctnl.bmp
283_ShatinCentral

The 283_stctnl.bmp is the texture that you must put in \OMSI\vehicles\Anzeigen\Hanover\. The bus can load this texture when you choose the Shatin Depot in OMSI. As the texture contains the route, you do not need to fill in the route number in the route button in the OMSI toolbar. If you have several bus terminus in Shatin Central, please make them to be Shatin Central 1, 2 and 3 etc.

電牌與車廠設定：

本車的HANOVER電牌只是一塊texture，如果你要選擇路線，請按OMSI工具列的按鈕。

HANOVER 電牌的 texture 放在 \OMSI\vehicles\Anzeigen\Hanover\。本車內置了一個車廠：shatin.hof。以沙田為例，如果你想把現有路線加入電牌texture，請在車廠.hof 內改 [addterminus]：

[addterminus]
101
283_ShatinCentral
283_ShatinCentral
283_ShatinCentral

283_ShatinCentral
283_stctnl.bmp
283_ShatinCentral

請把283_stctnl.bmp 放在 \OMSI\vehicles\Anzeigen\Hanover\。OMSI內選了沙田車廠後，巴士會自動載入283_stctnl.bmp。電牌texture已包含路線數字牌，所以無論你在OMSI選路線時輸入其他數字，電牌只會顯示283。所以如果沙田市中心為多條路線的總站，你要把總站設定為Shatin Central 1/2/3 等。

Acknowledgement:

Maker: Winsome
www.winsomes3dstudio.com

Great Thanks to:
edoplasmic1234
Va
ATE31
HA9203
CF.
HKBRIC
HKBRDA
JG 413
krtz07
MV9453
龍仔
KN 9301

For any enquiry, please contact Winsome at contact@winsomes3dstudio.com

廣源 281A
KWONG YUEN
Avignon
DENNIS
KZ 9022